MMM MMM MMM MMM MMM MMM MMMMM MMMMMM		HHH HH HHH HH	RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR		LLL
MMMMM MMMMMM	111	HHH HH		III	LLL
MMMMM MMMMM	777	HHH HH		ŢŢŢ	LLL
	ŤŤŤ			III	LLL
		нин ин		III	LLL
MMM MMM MMM	III	ннн нн		III	LLL
MMM MMM MMM	III	ннн нн		TTT	LLL
MMM MMM	TTT	нининининини		TTT	LLL
MMM MMM	TTT	нининининини	RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR	TTT	LLL
MMM MMM	TTT	нининининини	RRRRRRRRRRRR	TTT	LLL
MMM MMM	TTT	ннн нн		ŤŤŤ	III
MMM MMM	TTT	ннн нн		ŤŤŤ	III
MMM MMM	TTT	ннн нн		ŤŤŤ	III
MMM MMM	ŤŤŤ	ннн нн		ŤŤŤ	iii
MMM MMM	ŤŤŤ	нин ин		ŤŤŤ	iii
MMM MMM	ŤŤŤ	нин ин		ŤŤŤ	iii
MMM MMM	ŤŤ				
		ннн нн		III	LLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLL
MMM MMM	III	нин ни		III	LLLLLLLLLLLLLLLL
MMM MMM	111	ннн нн	RRR RRR	TTT	LLLLLLLLLLLLLLL

MM	11 11 11 11 11 11 11	HH HH HHHHHHHHHH HH HH HH HH HH HH HH HH HH HH HH HH HH
		\$\$\$\$\$\$\$\$\$ \$\$\$\$\$\$\$\$\$ \$\$
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MM MMM MMMM MMM MM P GGGGGGG \$\$ \$\$ \$\$ \$\$ SSSSSS 666666 666666 66

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MTH\$JISIGN
Table of contents

(2) 48 HISTORY ; Detailed Current Edit History
(3) 57 DECLARATIONS (4) 83 MTH\$JISIGN

(4) 83 MTH\$JISIGN

9

MT

MA MT

Ph In Co Pa Sya Sya Sya Cr As

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Jonathan M. Taylor, 14-JUL-77: Version 0

38 39

4014234456

HISTORY:

AUTHOR:

MODIFIED BY:

```
MTHSJISIGN
1-002
                                      JISIGN function
MTH$JISIGN
                                                                                                                VAX/VMS Macro V04-00
[MTHRTL.SRC]MTHJISIGN.MAR;1
                                                                  .SBTTL MTH$JISIGN
                                                    FUNCTIONAL DESCRIPTION:
                                                           CALLING SEQUENCE:
                                                           INPUT PARAMETERS:
                                                                  NONE
                                                           IMPLICIT INPUTS:
                                                           OUTPUT PARAMETERS:
                                                                  NONE
                                                           IMPLICIT OUTPUTS:
                                                                  NONE
                                                           COMPLETION CODES:
                                                                  NONE
                                                           SIDE EFFECTS:
                                    0000
00
19
                                                                           MTH$JISIGN.
a4(AP), RO
                                                                   .ENTRY
                                                                  MOVL
                                                                                               : RO = arg1
; branch if negative arg1
                                                                            NEGARG
                                                        ; arg1 is non-negative, look at sign of arg2
                                                                            28(AP)
                                                                  BGEQ .
                                                                           EXIT
                                                                                              ; both args are positive, nothing to do
                                                         NEGATE:
                           50
                                 50
                                       CE
                                                                  MNEGL
                                                                           RO, RO
                                                                                              ; negate arg1
                                                        EXIT:
                                                                  RET
                                                        ; arg1 is negative, check sign of arg2
                                            0011
0011
0011
0014
0016
0017
0017
                                                        NEGARG:
                             08 BC
                                                                  TSTL
                                                                            38(AP)
                                                                  BGEQ
                                                                            NEGATE
                                                                                              ; if arg2 positive then negate arg1
                                                                  RET
                                                                   .END
```

Macro library name

Macros defined

0

_\$255\$DUA28:[SYSLIB]STARLET.MLB;2

O GETS were required to define O macros.

There were no errors, warnings or information messages.

MACRO/ENABLE=SUPPRESSION/DISABLE=(GLOBAL, TRACEBACK)/LIS=LIS\$:MTHJISIGN/OBJ=OBJ\$:MTHJISIGN MSRC\$:MTHJISIGN/UPDATE=(ENH\$:MTHJISIGN)

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